

CRF Errors Corrected by the STIC Systems Branch

8 0590 013
0807
8/21/02

Serial Number: 10/087,171

CRF Processing Date: 8/21/02
Edited by: DC
Verified by: DC (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: **ENTERED**

- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

- ☐ Added the mandatory heading and subheadings for "Current Application Data".

- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- ☐ Inserted colons after headings/subheadings. Headings edited included: _____

- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

- ☐ Inserted mandatory headings, specifically: _____

- ☐ Corrected an obvious error in the response, specifically: _____

- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

- ☐ Corrected an error in the Number of Sequences field, specifically: _____

- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIEP

RAW SEQUENCE LISTING

DATE: 08/21/2002

PATENT APPLICATION: US/10/087,171

TIME: 14:29:13

Input Set : N:\jumbos\10087171dc.txt

Output Set: N:\CRF4\08212002\J087171.raw

```

4 <110> APPLICANT: Dasgupta, Asim
5     Venkatesan, Arun
7 <120> TITLE OF INVENTION: METHOD TO IDENTIFY IRES ELEMENTS
10 <130> FILE REFERENCE: 220002063600
12 <140> CURRENT APPLICATION NUMBER: 10/087,171
13 <141> CURRENT FILING DATE: 2002-03-01
15 <150> PRIOR APPLICATION NUMBER: 60/272,755
16 <151> PRIOR FILING DATE: 2001-03-01
18 <160> NUMBER OF SEQ ID NOS: 6
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 48
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Potential IRES elements
30 <223> OTHER INFORMATION: Potential IRES elements
W--> 32 <400> 1
33 cacagtacgt aagcttaagc taagcgtaga taagggtata tttttgcg          48
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 50
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Potential IRES elements
43 <400> SEQUENCE: 2
44 gaaatagcta tcttccatca ctgcaccgag actacggttg cgcgtgtcgt      50
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 49
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Potential IRES elements
54 <400> SEQUENCE: 3
55 tgacaaactg tacatgccgt taactgtaat tttgcgtgat ttttttgta      49
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 48
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Potential IRES elements
65 <400> SEQUENCE: 4
66 aggtggtagc cgcaaacata gttcaatata aacttgctgt ctcggcgg      48

```

RAW SEQUENCE LISTING

DATE: 08/21/2002

PATENT APPLICATION: US/10/087,171

TIME: 14:29:13

Input Set : N:\jumbos\10087171dc.txt

Output Set: N:\CRF4\08212002\J087171.raw

```

68 <210> SEQ ID NO: 5
69 <211> LENGTH: 50
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Potential IRES elements
76 <400> SEQUENCE: 5
77 aggcagtata atcagttccc acatagaaaa ccaggactgt atcaaagtgt      50
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 82
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Oligonucleotide
W--> 87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (1)...(82)
89 <223> OTHER INFORMATION: n = A,T,C or G
W--> 91 <400> 6
W--> 92 gcgcactgat gaattcnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      60
W--> 93 nnnnnnnggat cctcagactc cg      82

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/087,171

DATE: 08/21/2002
TIME: 14:29:14

Input Set : N:\jumbos\10087171dc.txt
Output Set: N:\CRF4\08212002\J087171.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36

Seq#:6; N Pos. 37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56

Seq#:6; N Pos. 57,58,59,60,61,62,63,64,65,66

VERIFICATION SUMMARY

DATE: 08/21/2002

PATENT APPLICATION: US/10/087,171

TIME: 14:29:14

Input Set : N:\jumbos\10087171dc.txt

Output Set: N:\CRF4\08212002\J087171.raw

L:32 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:87 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:91 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:6
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:60